

Serial No. 10/541,550

REPLACEMENT SHEET

Inventor: Sadao Nishibori

Title: System For Producing Resin Molded Article with Spring Structure



FIG. 1

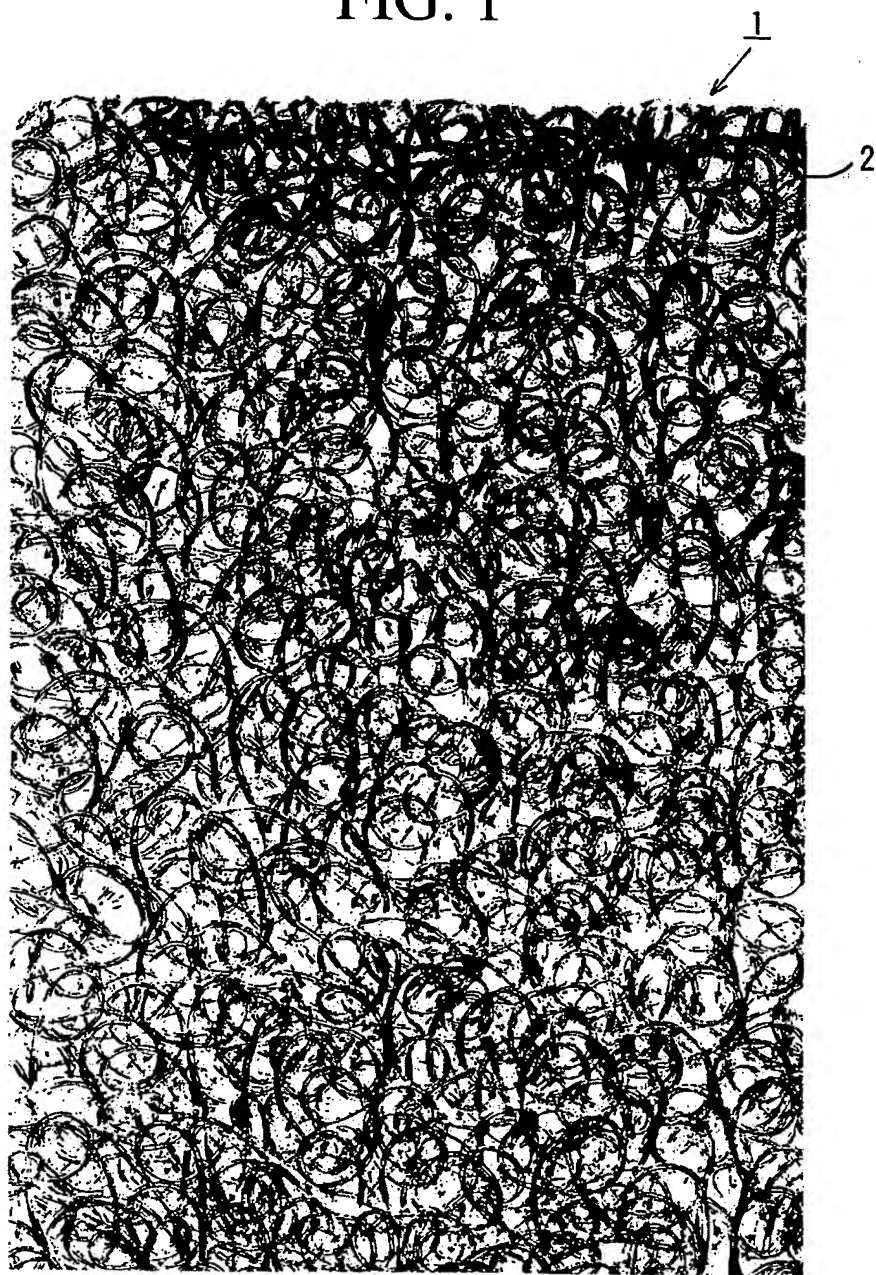


FIG. 2(A)

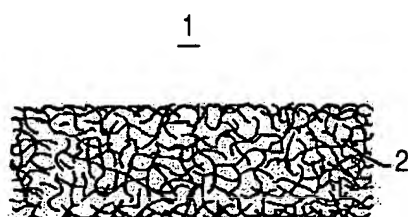


FIG. 2(B)

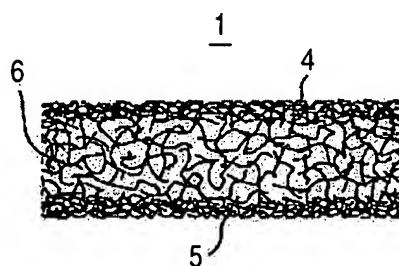


FIG. 2(C)

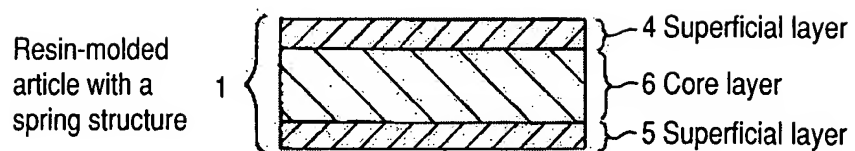


FIG. 3

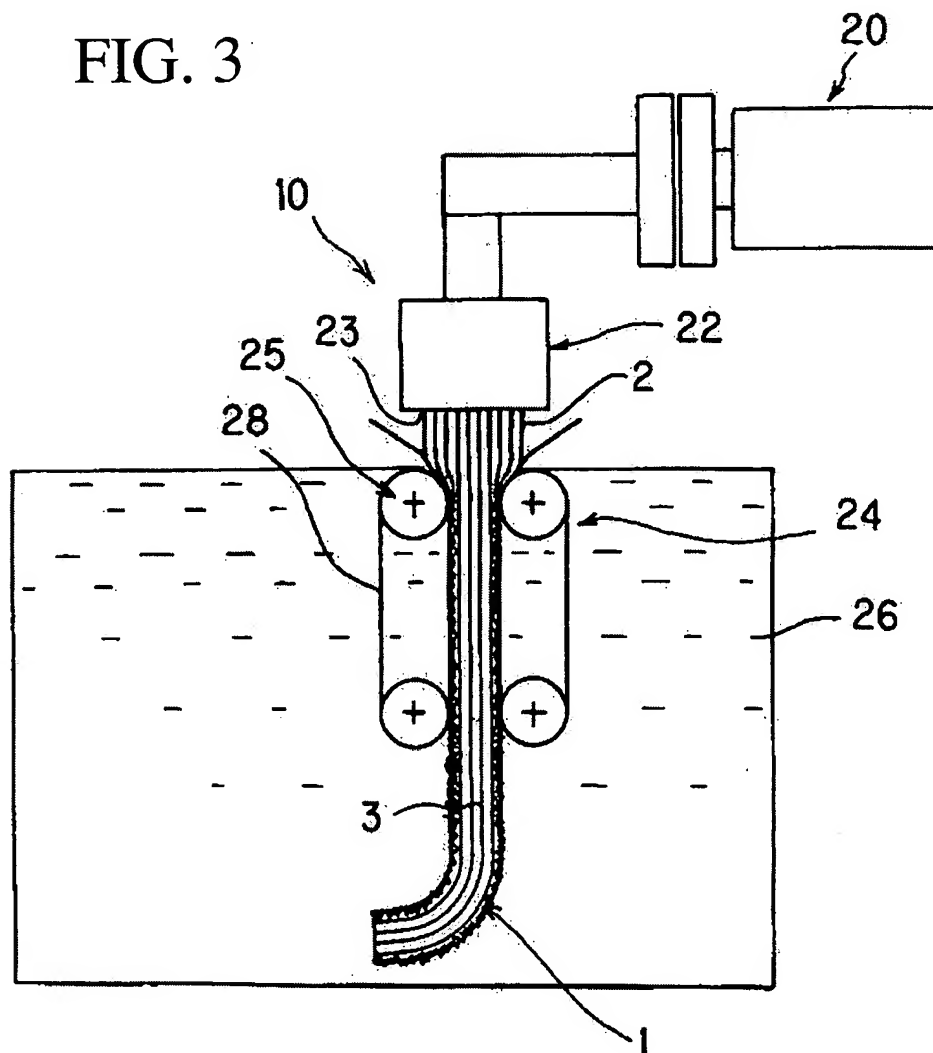


FIG. 4

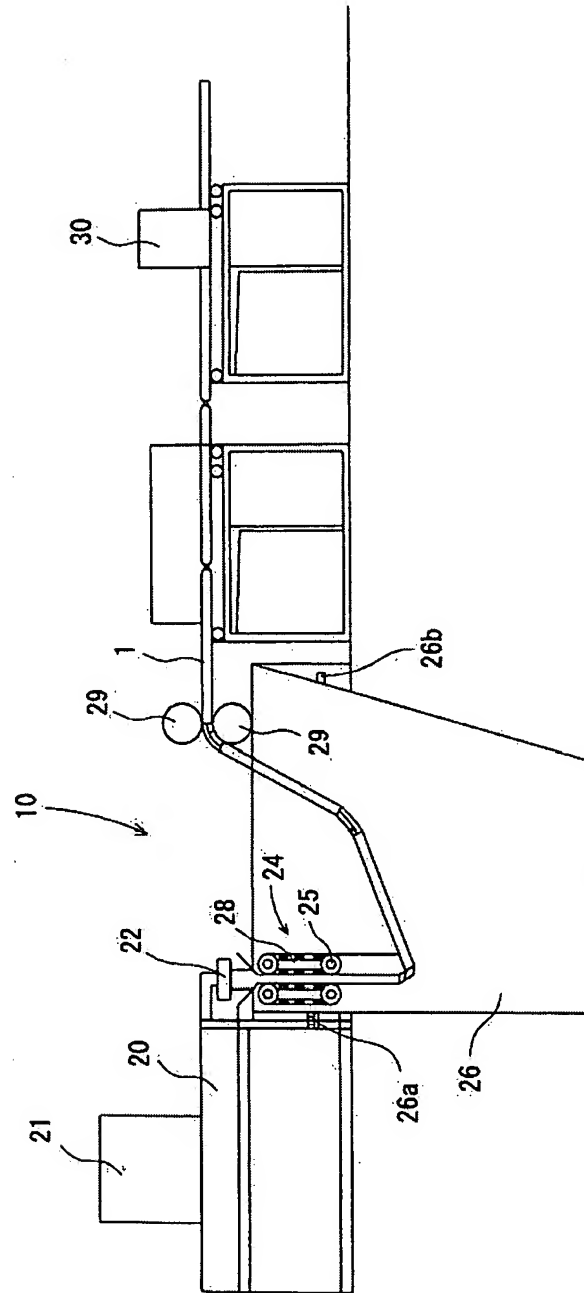


FIG. 5

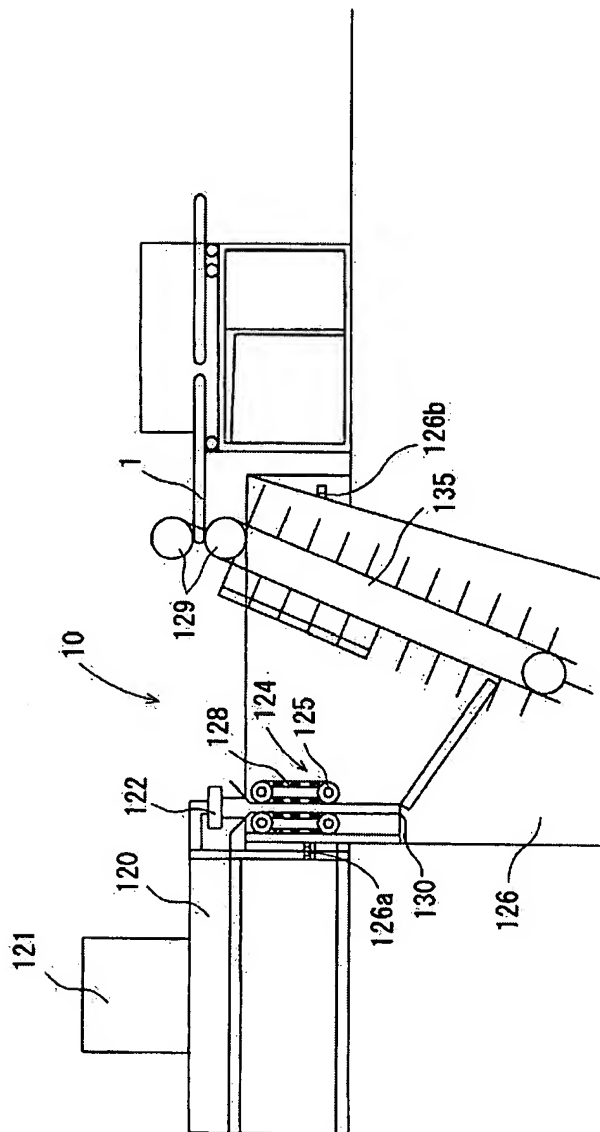


FIG. 6(A)

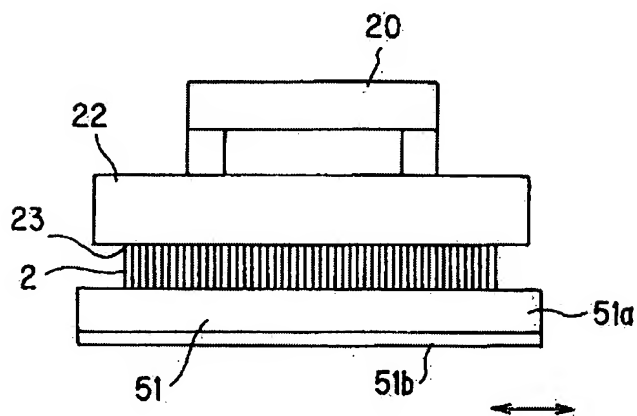


FIG. 6(B)

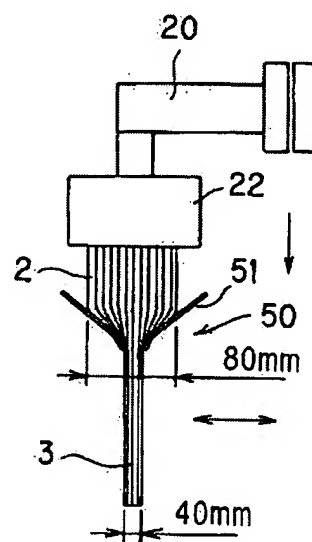
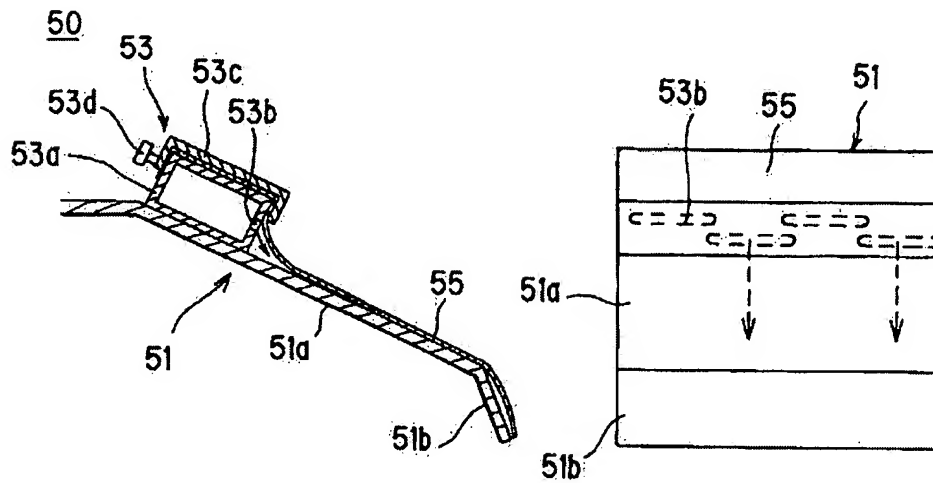


FIG. 7(A)

FIG. 7(B)



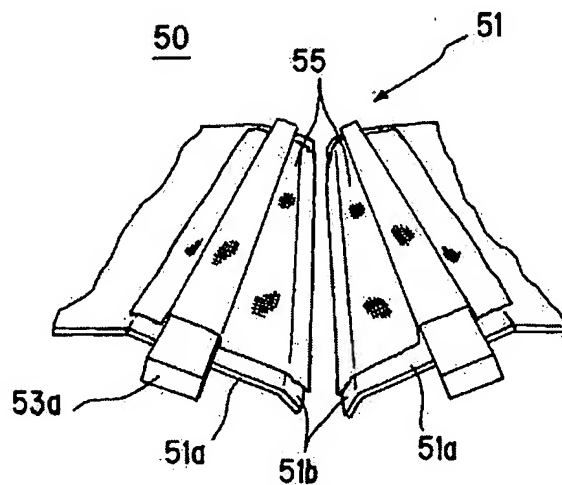


FIG. 8(A)

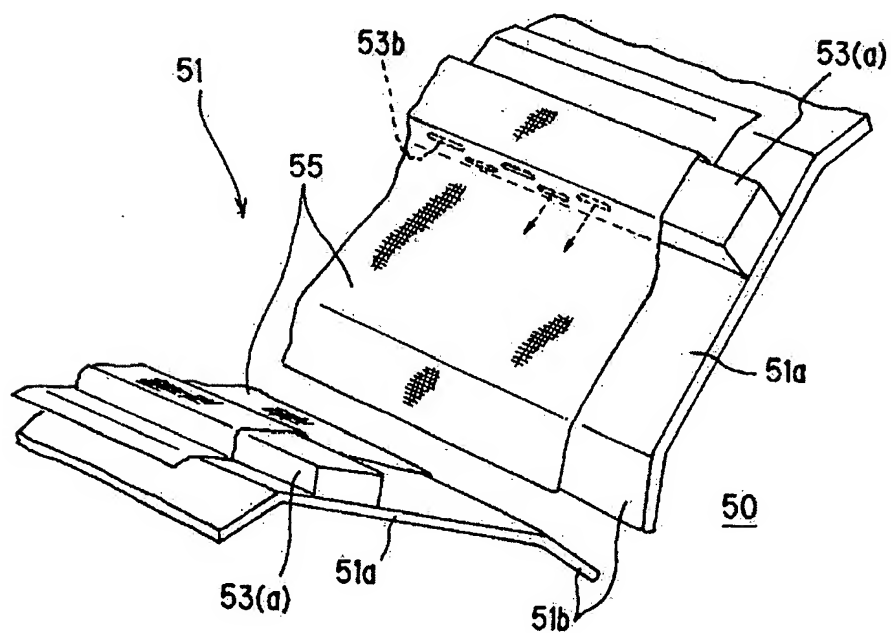


FIG. 8(B)

FIG. 9

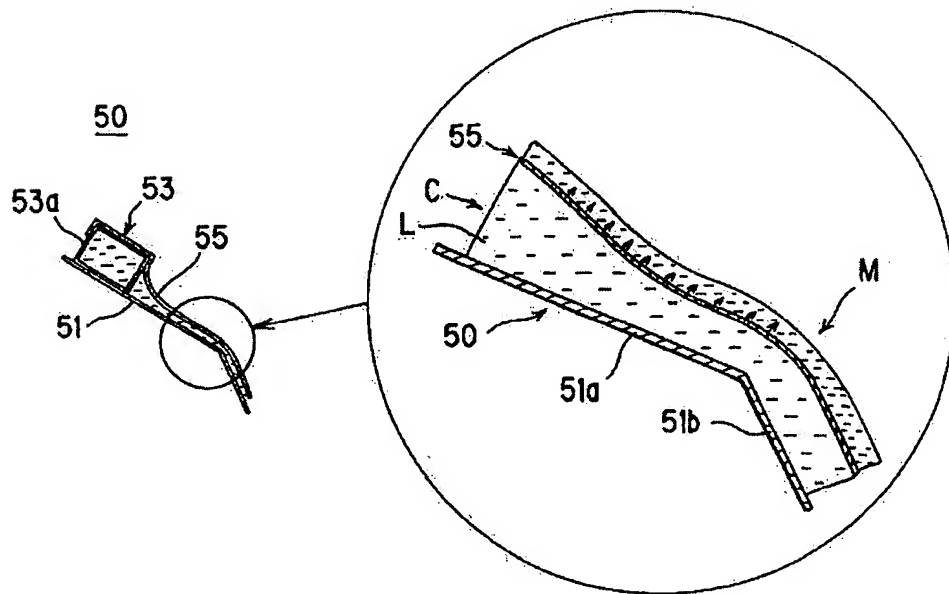
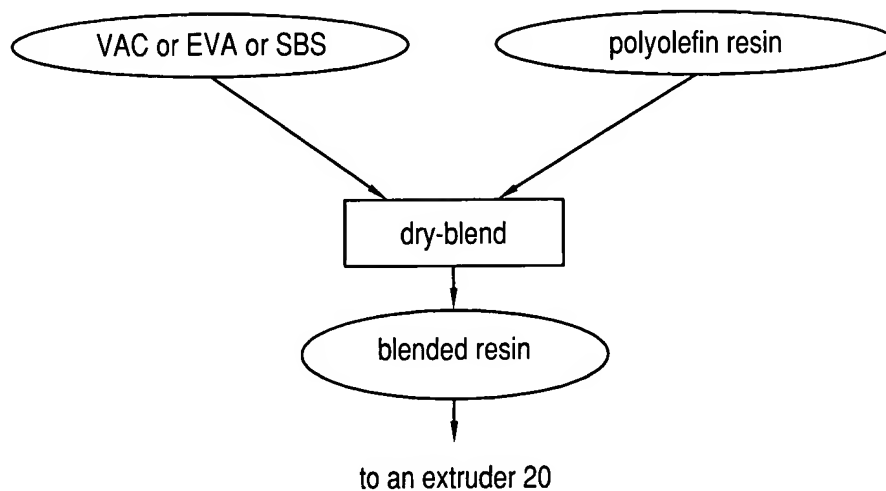
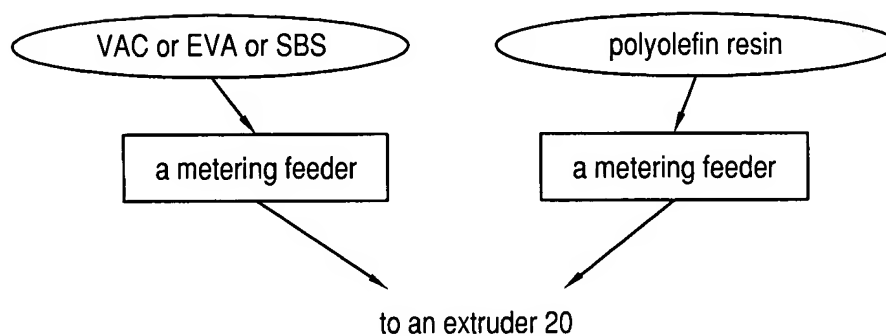


FIG. 10

Method 1



Method 2



Method 3

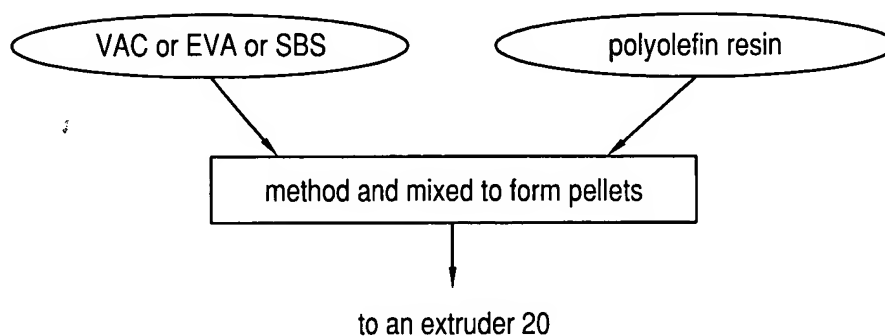


FIG. 11

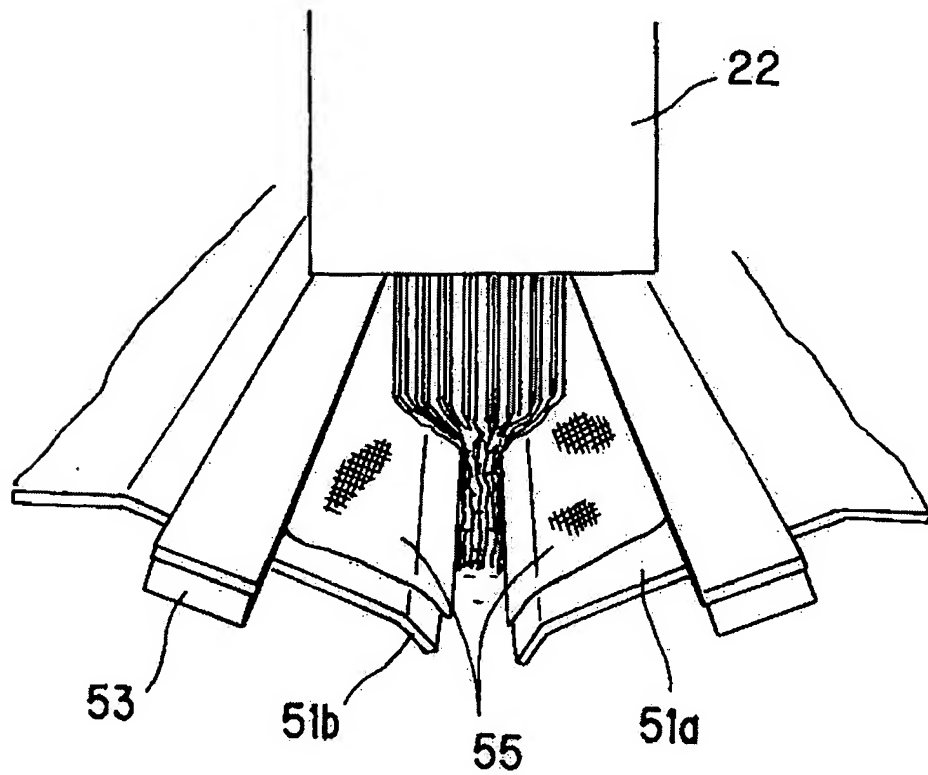


FIG. 12

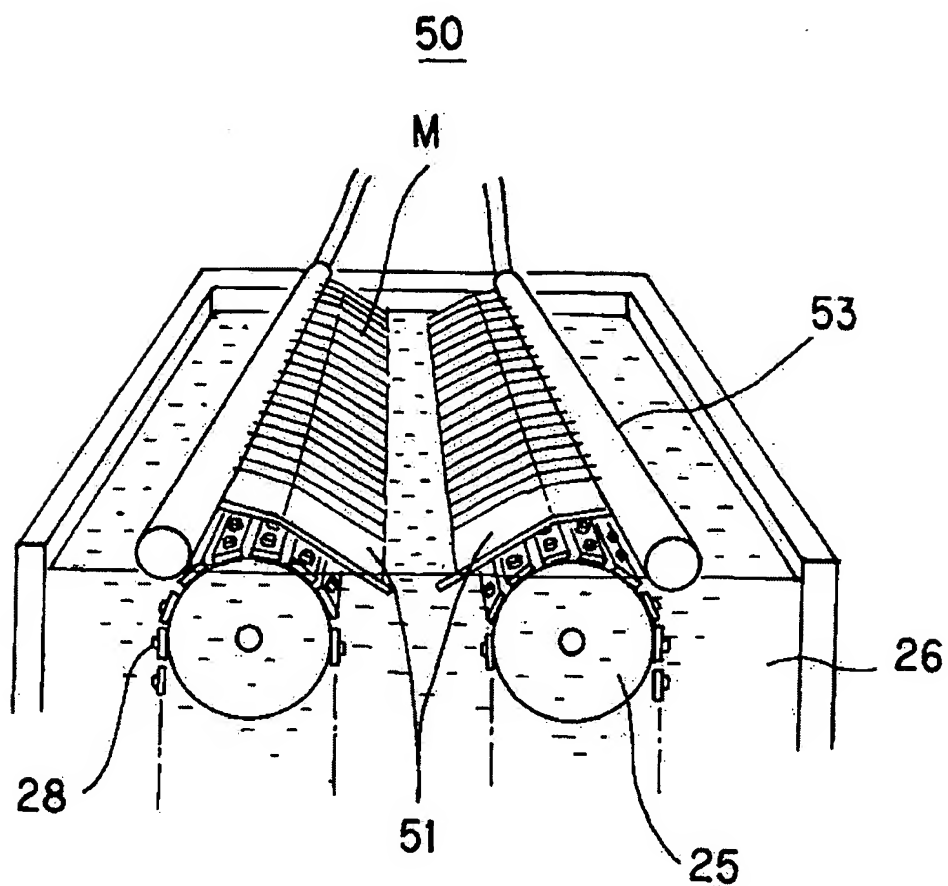
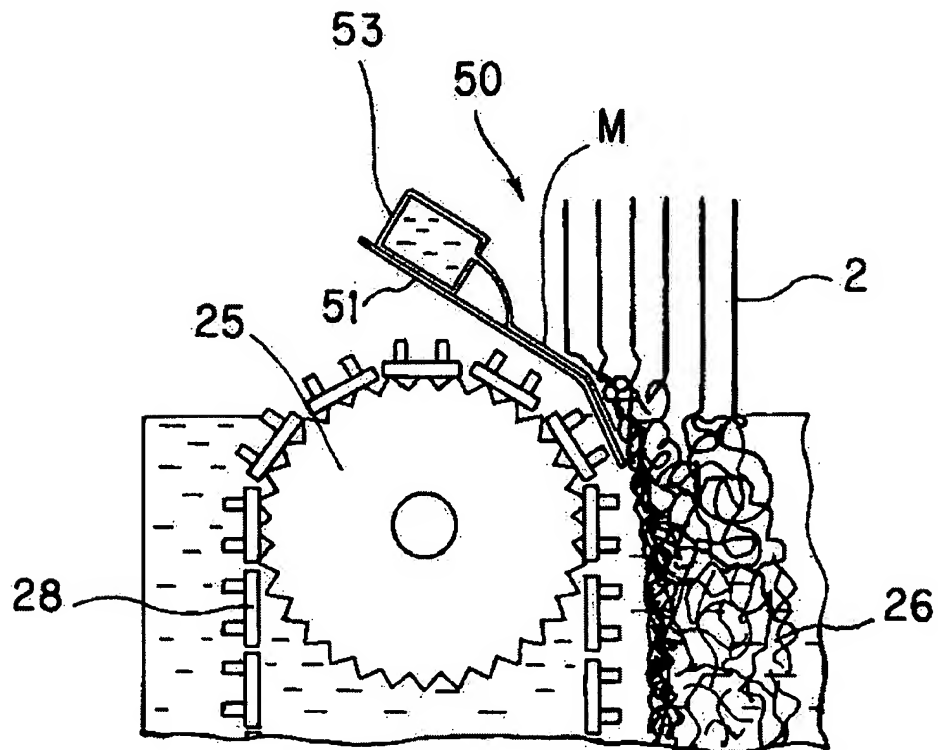


FIG. 13



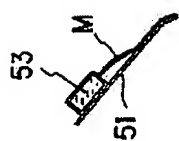
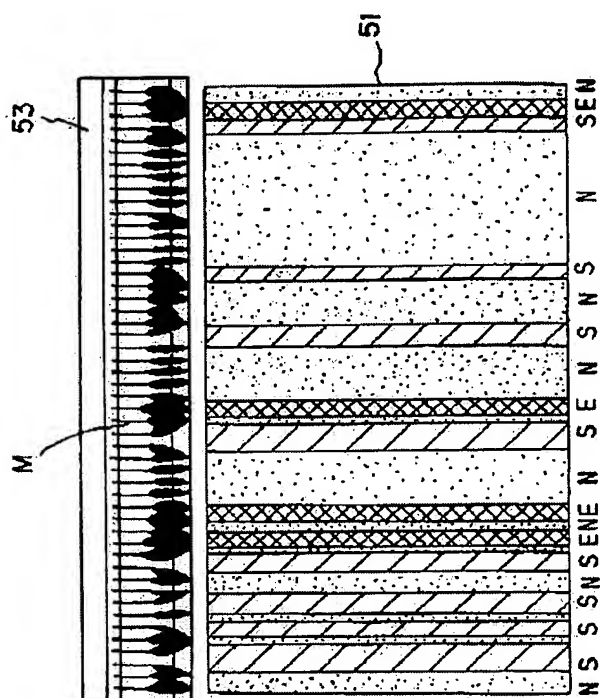


FIG. 14




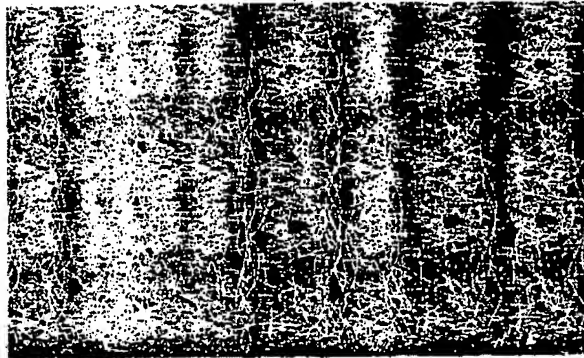
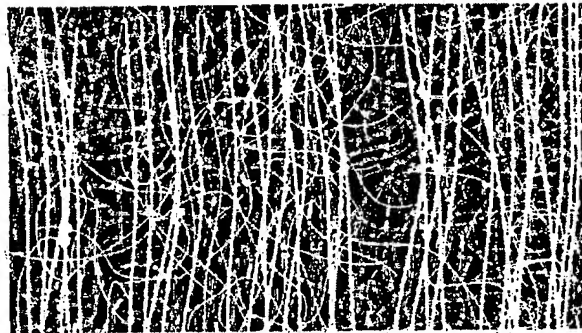
-  Proper cooling part
-  Over cooling part
-  Insufficient cooling part

FIG. 15(A)



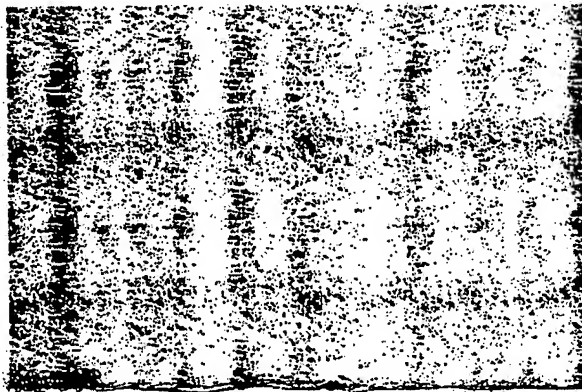
Undulated surface of Products

FIG. 15(B)



Pattern ① of filaments' locus on the surface of Products

FIG. 15(C)



Pattern ② of filaments' locus on the surface of Products

FIG. 16(A)

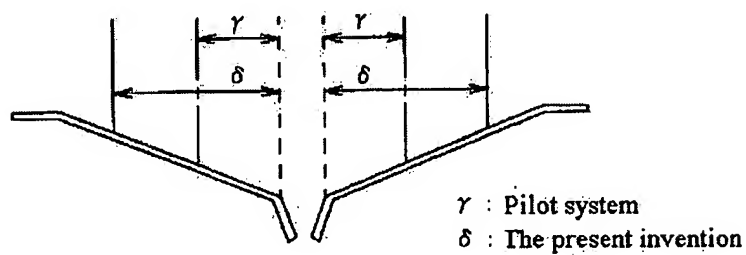


FIG. 16(B)

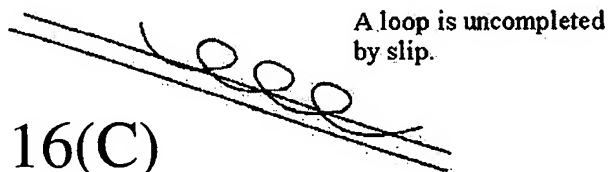


FIG. 16(C)

Fusion of adjacent loops or curls is separated.

